

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLForm C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 6-11-76	
Company Jerome P. McHugh				Connection	
Pool South Gallegos				Formation Fruitland	
Completion Date 5-28-76		Total Depth 1350'		Elevation 5972' GR	
Csg. Size 2-7/8"		Wt. 6.5#		Set At 1330'	
Tbg. Size 1-1/4"		Wt. 2.4#		Set At 1210'	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas				Packer Set At	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F	
Baro. Press. - P _a		County San Juan		State New Mexico	
L		H		G _g .62	
% CO ₂		% N ₂		% H ₂ S	
Prover		Meter Run		Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							253		260		7 days
1.											
2.											
3.	5/8" Pos Choke						2	62°	65		3 hrs
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3	8.5417		14	.9981	.9837	1.000	117
4							
5							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.	Specific Gravity Separator Gas _____ X X X X X X X X	Specific Gravity Flowing Fluid _____ X X X X X	Critical Pressure _____ P.S.I.A.	Critical Temperature _____ R
1										
2										
3										
4										
5										

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1						
2						
3		77	5,929	68,055	1.0871	1.0735
4						
5						

Absolute Open Flow _____ 125 _____ Mcfd @ 15.025		Angle of Slope _____ Slope, n .85	
Remarks: _____			
Approved By Commission: _____		Conducted By: Charles Hall	
Calculated By: Charles Hall		Checked By: _____	